

PHOTOINITIATOR SYSTEMS WITH ANTHRACENE-BASED ELECTRON DONORS FOR CURING CATIONICALLY POLYMERIZABLE RESINS

Abstract of the Disclosure

5 The invention features a photopolymerizable composition that comprises a
cationically polymerizable resin, and a photoinitiator system comprising an iodonium salt,
a visible light sensitizer, and one or more anthracene-based compounds as electron donors.
Electron donor combinations used in the invention include multiple substituted anthracene
compounds or a combination of at least one substituted anthracene compound with
10 unsubstituted anthracene.